



# Town of Southern Shores Canal Dredging Project Update - 02/06/07

# Why Now? Why Here?

- Manmade canals dug in 1960's – 40 years without dredging?
- Maintain Navigable Waterways
- Provision for spoil sites?
  - SSCA Common Areas
  - CPOA Common Areas
  - Private property abutting canal
- SSCA deeds canals to Town – availability of Grant \$\$\$\$\$\$

# Water Resources Development Project Grant

- August 2, 2005 Official Resolution
- FY 2004/2005 Funds
- 80/20 cost share
- Phase 1 – State \$800,000 / Town \$200,000
- Phase 2 – State \$800,000 / Town \$200,000

# Town Council

- 2003 Dredging Committee
- June 2004 – Town acquired ownership of canals from SSCA & CPOA
- Public Information Meeting, November 10, 2005- Info - Newsletters, emails, etc.
- September 26, 2006 Workshop - Minutes available Town website

## Town Manager – Canal Dredging Update

- George Wood (EPI) soil sample report
  - Oil & Grease
- John Sutherland (Div. Water Resources)
  - Examples of similar projects



2.27.2004



9. 24. 2004



4. 6. 2001





9. 24. 2004





2. 19. 2004

# Dredging Data

- 7 miles of canals
- 6 foot maintenance depth
- 137,000 cubic yards of material (spoils)
- Sampling & Analysis
- 5 locations (\$6,000)



## Canal Survey of depths

Depth  
(NAVD88, Feet)

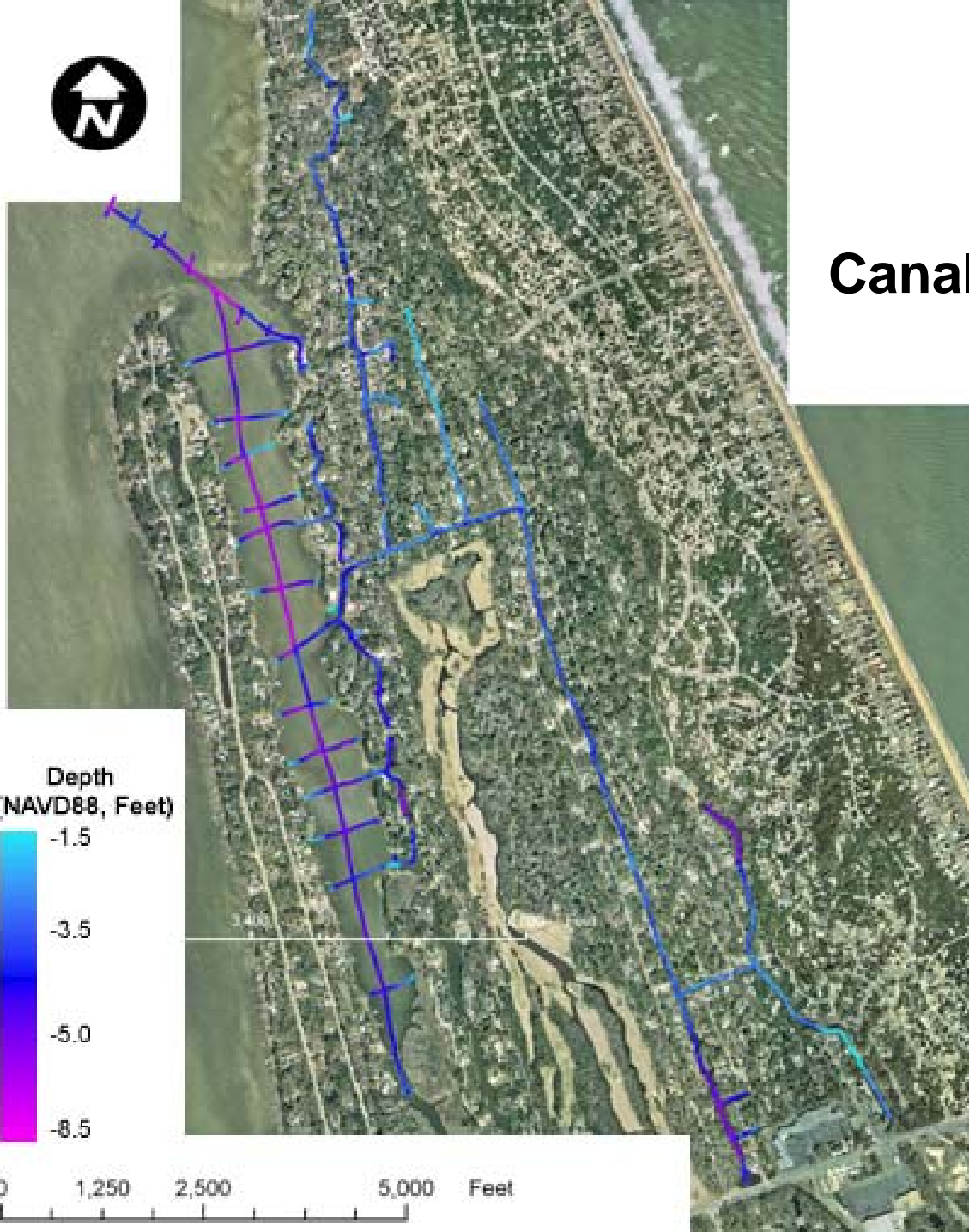
-1.5

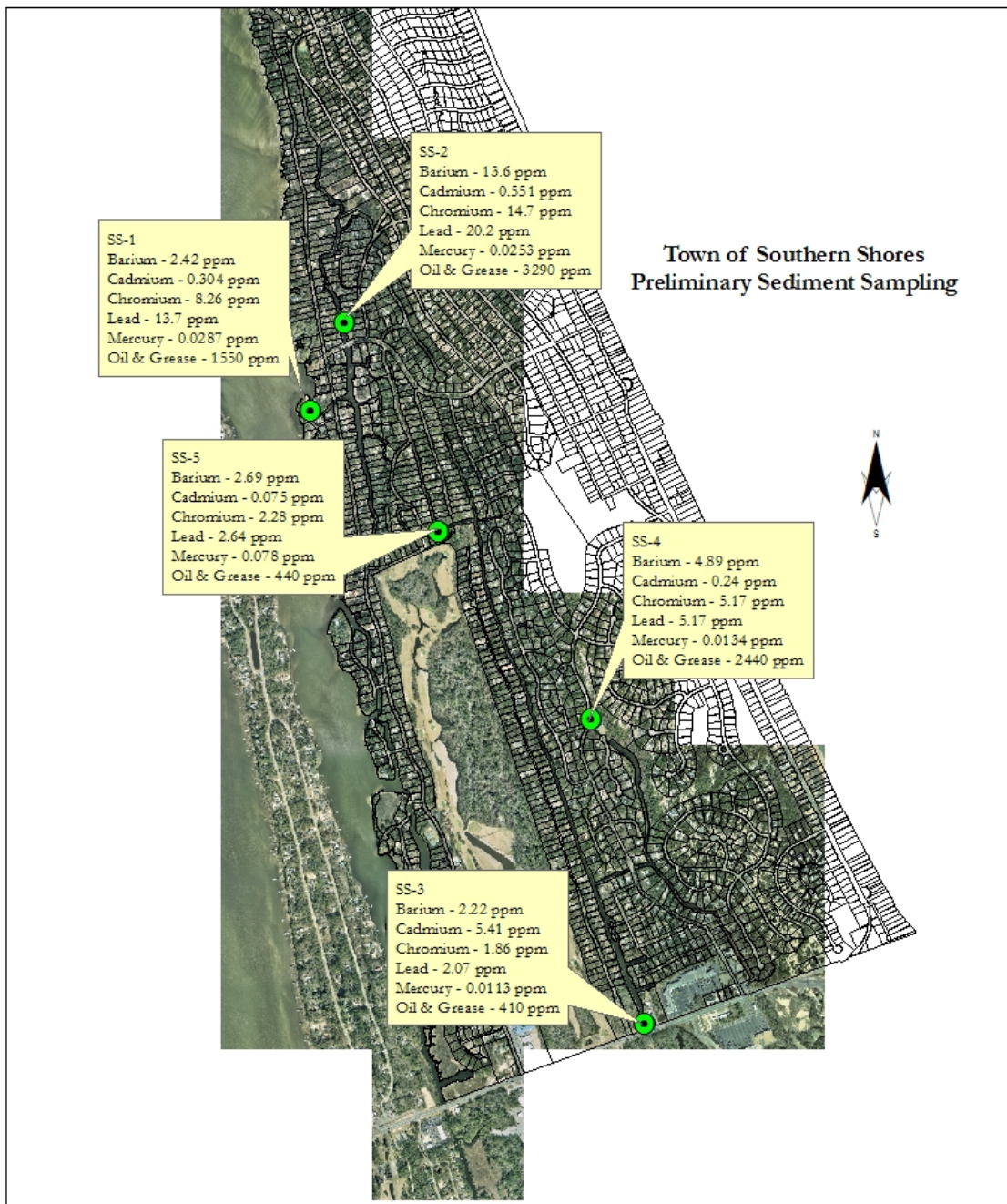
-3.5

-5.0

-8.5

0 1,250 2,500 5,000 Feet





## 5 Sampling Locations \$ 6,000

- SS-1 @ Marina
- SS-2 @ E Dogwood Bridge
- SS-3 @ US 158
- SS-4 @ Gravey Pond
- SS-5 @ Fairway Dr

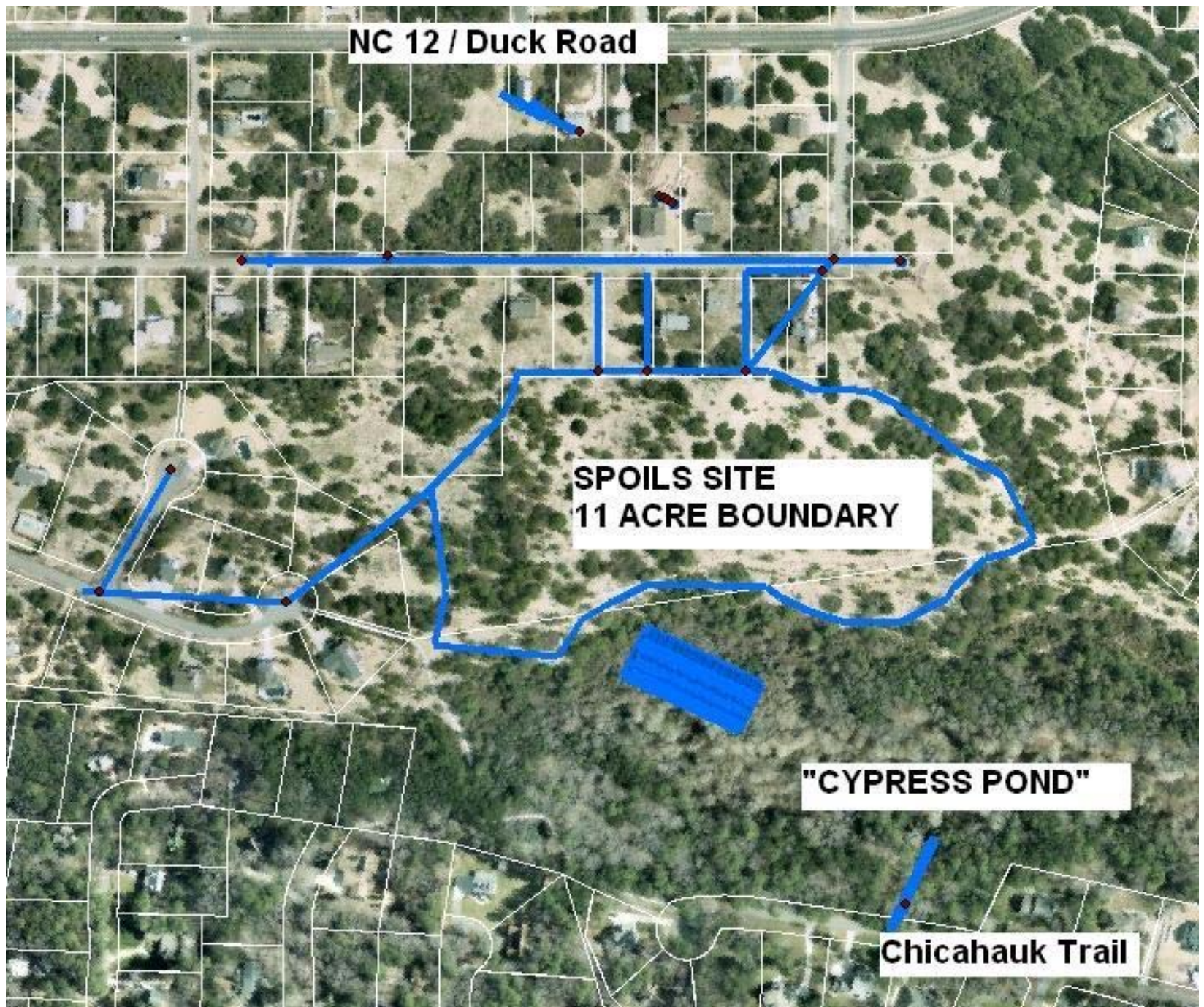


**NC 12 / Duck Road**

**SPOILS SITE  
11 ACRE BOUNDARY**

**"CYPRESS POND"**

**Chicahauk Trail**

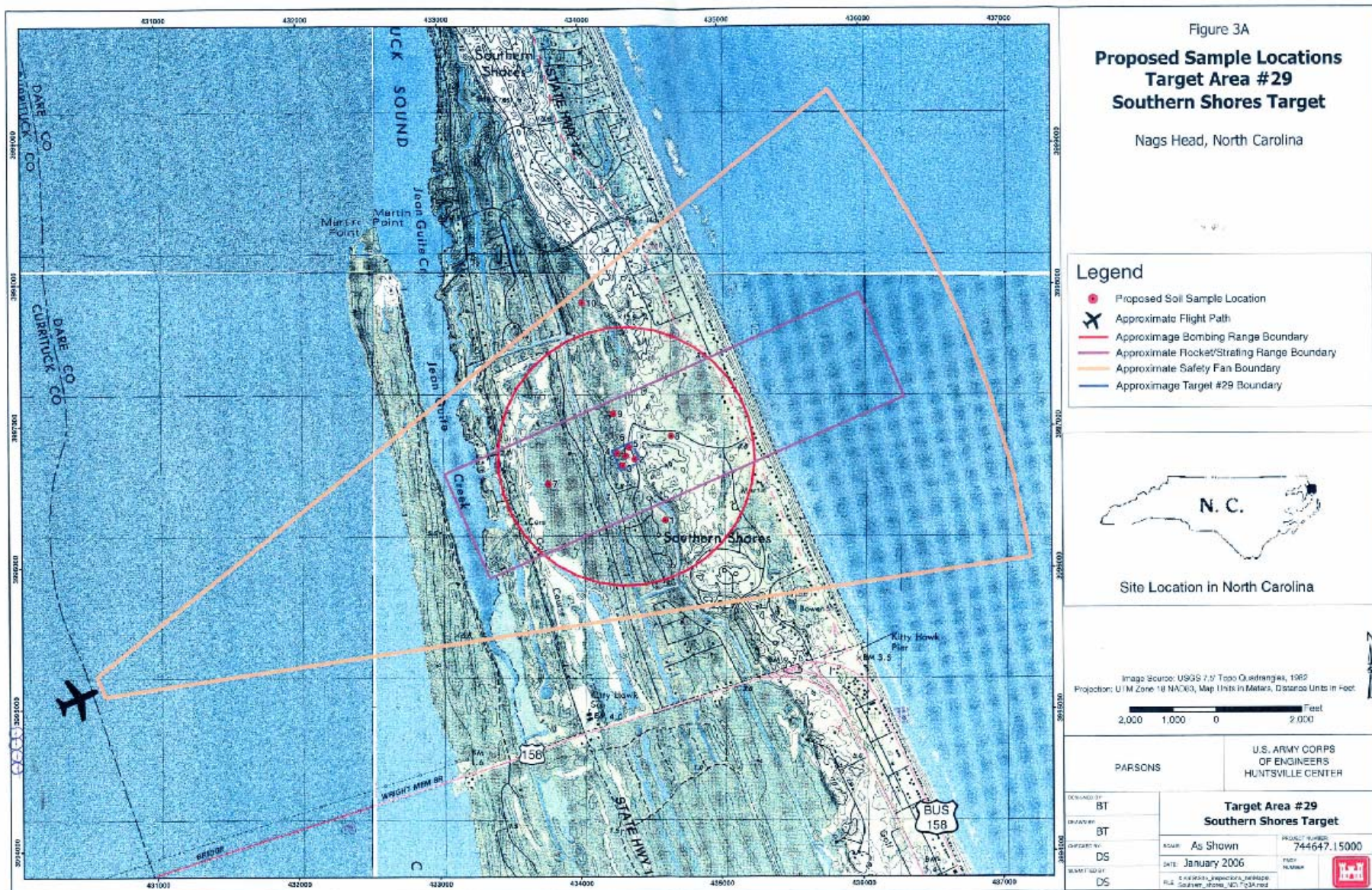








# Target Area # 29 – Bombing Range – Tennis Courts



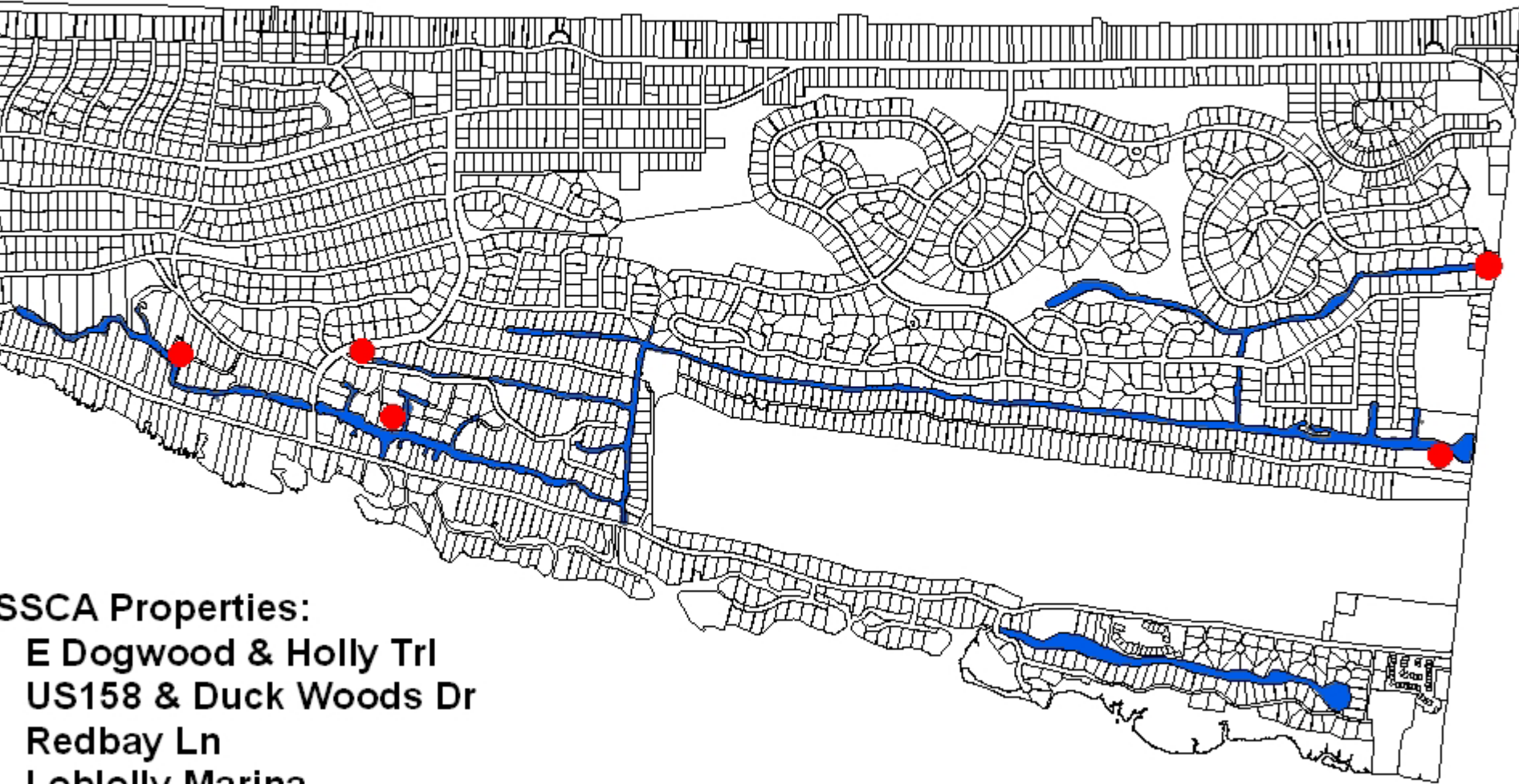








# Town of Southern Shores Canal Dredging Project Proposed Loading Zone Locations



## SSCA Properties:

E Dogwood & Holly Trl  
US158 & Duck Woods Dr  
Redbay Ln  
Loblolly Marina

## Commercial Property:

US158 & Juniper Trl







